Index of Claims

| Application/Control No | App | lication | /Con | trol | No |
|------------------------|-----|----------|------|------|----|
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10/613,946

Examiner

Winnie Yip

Applicant(s)/Patent under Reexamination

CONNELLY, KEVIN T.

Art Unit

3636

| <b>4</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| (Through numeral)<br>Cancelled |
|--------------------------------|
|                                |

Restricted

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A |   | Appeal   |
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| C | ) | Objected |

|              |          |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | _        |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        |                 |            |          |          |                                                  |              |              |              |          |              |                 |
|--------------|----------|----------|--------------------------------------------------|----------|--------------------------------------------------|--------------|----------------------------------------|-----------------|--------------|----------|----------|----------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|----------|----------|---------|---------|------------------------|-----------------|------------|----------|----------|--------------------------------------------------|--------------|--------------|--------------|----------|--------------|-----------------|
| Cla          | aim      |          |                                                  |          |                                                  |              |                                        | Date Claim Date |              |          |          |          |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1        | Cli       | aim      | Date     |         |         |                        |                 |            |          |          |                                                  |              |              |              |          |              |                 |
| Final        | Original | 2/17/06  |                                                  |          |                                                  |              |                                        |                 |              |          | Final    | Original |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        | Final           | Original   |          |          |                                                  |              |              |              |          |              |                 |
|              | 1        | ✓        |                                                  |          |                                                  |              |                                        | $\top$          |              | П        |          | 51       | T            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | П         | $\neg$   | T        | $\top$  | $\neg$  | 1                      |                 | 101        |          | T        | <del>                                     </del> | T            | $\vdash$     | <u> </u>     | $\Box$   |              | Н               |
|              | 2        | N        |                                                  |          |                                                  | T            | 1                                      | İ               | T            | П        |          | 52       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | П         |          | 1        | $\top$  | $\top$  | 1                      |                 | 102        |          | T        | 1                                                |              | Ħ            | <b>†</b>     |          | $\vdash$     | Н               |
|              | 3        | N        |                                                  |          |                                                  |              |                                        |                 | $oxed{\Box}$ |          |          | 53       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         | ]                      |                 | 103        |          | Г        |                                                  | Π            |              |              |          |              |                 |
|              | 4        | ✓        |                                                  |          | <u>                                     </u>     | L            |                                        |                 |              | Ш        |          | 54       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        |                 | 104        |          |          |                                                  |              |              |              |          |              |                 |
|              | 5        | N        | _                                                | L.       | <u> </u>                                         | L            |                                        | $\perp$         | <u> </u>     | Ш        |          | 55       |              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L        |           |          | $\perp$  | $\perp$ | L.      |                        |                 | 105        |          |          |                                                  | <u> </u>     |              |              |          |              |                 |
|              | 6        | N        | _                                                | <u> </u> | lacksquare                                       | _            | ļ                                      | 1_              | _            |          | <u> </u> | 56       |              | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | L        |           |          | _        |         |         | Ţ                      |                 | 106        |          |          | <u> </u>                                         |              |              | _            |          |              |                 |
|              | 7        | N        | <u> </u>                                         | <u> </u> | ┺                                                |              | ╄                                      | $\bot$          | 4            | Ш        | _        | 57       | 4_           | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |           | _        |          | 4       |         | 1                      |                 | 107        | L        |          |                                                  | L.           | <u> </u>     |              |          | L_           | Ш               |
| <u> </u>     | 8        | N        | <u> </u>                                         | <u> </u> | ļ                                                | ╁_           | ╄                                      | ╄               | ╀            | Ш        |          | 58       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | $\sqcup$  | 4        | 4        | 4       |         | -                      |                 | 108        | L.       | <u> </u> | <u> </u>                                         | _            | _            | L            |          | L_           | Ш               |
|              | 9<br>10  | <b>√</b> | -                                                | -        | _                                                | ┼            | ╄                                      | ┼               | -            | Н        |          | 59       |              | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           | 4        | -        | _       |         | 4                      |                 | 109        | _        | ┞-       | <u> </u>                                         | _            | ļ            | _            | Щ        | <u> </u>     | Ш               |
|              | 11       | 7        | <u> </u>                                         | -        | ⊢                                                | ┼            | ╁                                      | +               | +-           | Н        | -        | 60<br>61 | +-           | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -        | $\vdash$  | $\dashv$ | +        | +       |         | ┨                      |                 | 110        | <u> </u> | -        |                                                  | ⊢            | -            | <del> </del> | H        | <u> </u>     | Н               |
| <del> </del> | 12       | N        | $\vdash$                                         | -        | -                                                | $\vdash$     | ╁                                      | +               | +            | -        | <u> </u> | 62       | +            | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -        | $\vdash$  | $\dashv$ | +        | +       | +       | 1                      |                 | 111<br>112 | _        | $\vdash$ | -                                                | <del> </del> | ├-           | -            | Н        | $\vdash$     | $\vdash \vdash$ |
|              | 13       | N        | H                                                |          | +                                                | +-           | +                                      | +               | ╁            | Н        | $\vdash$ | 63       |              | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -        | $\vdash$  | $\dashv$ | +        | +       | +-      | 1                      | $\vdash \vdash$ | 113        | _        | $\vdash$ | -                                                | ╁            |              | -            | Н        | $\vdash$     | $\vdash\vdash$  |
|              | 14       | N        | <del>                                     </del> | _        | 1                                                | $^{+}$       | $\vdash$                               | +               | $\vdash$     | Н        | -        | 64       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\vdash$ | $\vdash$  | $\dashv$ | +        | +       | +       | 1                      | $\vdash\vdash$  | 114        |          | +-       | $\vdash$                                         | $\vdash$     | <del> </del> | <del> </del> | Н        | <del>-</del> | Н               |
|              | 15       | N        | -                                                |          | T                                                | t            | $\vdash$                               | T               | +            | H        |          | 65       |              | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           | $\dashv$ | $\dashv$ | +       | +       | 1                      |                 | 115        |          | H        | ┢                                                | ┢╌           | ┢            | $\vdash$     | Н        | М            | Н               |
|              | 16       | N        |                                                  |          | t                                                | İ            | t                                      | T               |              | П        |          | 66       |              | T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           | _        | +        | 十       |         | 1                      | $\vdash$        | 116        |          | $\vdash$ |                                                  | $\vdash$     | ┝            | ┢            | Н        | -            | Н               |
|              | 17       |          |                                                  |          |                                                  |              |                                        |                 |              | П        |          | 67       | 1            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           | T        | 十        | 十       |         | 1                      |                 | 117        |          |          |                                                  | _            | $\vdash$     |              |          |              | П               |
|              | 18       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 68       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           | 寸        | 7        | $\top$  | İ       | 1                      |                 | 118        |          | Г        | Т                                                | Г            |              |              |          |              | П               |
|              | 19       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 69       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        |                 | 119        |          |          |                                                  |              |              |              |          | _            | П               |
|              | 20       | <u> </u> | Ш                                                |          |                                                  | <u> </u>     |                                        |                 |              |          |          | 70       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        |                 | 120        |          |          |                                                  |              |              |              |          |              | П               |
| L            | 21       |          |                                                  |          | _                                                | L            | ــــــــــــــــــــــــــــــــــــــ | 丄               | _            |          |          | 71       | 上            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          | $\Box$    | $\perp$  | $\perp$  | $\perp$ |         |                        |                 | 121        |          |          |                                                  |              |              |              |          |              |                 |
|              | 22       | L        |                                                  |          |                                                  | _            | <u> </u>                               | ┺               | <u> </u>     | Ц        |          | 72       | ↓.           | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Ш        |           |          | _        | $\perp$ | $\perp$ | ]                      |                 | 122        |          |          |                                                  |              |              |              |          |              | Ш               |
|              | 23       | <u> </u> | _                                                |          |                                                  | ┞-           | <u> </u>                               | _               |              | Щ        | <u> </u> | 73       | $\downarrow$ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           | 4        | _        | $\perp$ |         | [                      |                 | 123        |          |          |                                                  |              |              |              |          |              |                 |
|              | 24<br>25 | -        | -                                                |          | -                                                | ├-           | ₩                                      | ╄               | 1            | Щ        | <u> </u> | 74       | +            | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | _         | _        | _        | $\perp$ | 4       | ļ                      | <b></b>         | 124        |          | $\sqcup$ |                                                  |              |              |              | $\dashv$ |              | Ш               |
| $\vdash$     | 26       |          | -                                                |          | <del> </del>                                     | ├            | ╁                                      | ⊢               | ├-           | Н        |          | 75<br>76 | +            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | _         | +        |          | +       |         |                        | <b> </b>        | 125        |          | Н        |                                                  |              |              |              | Ш        |              | $\vdash \vdash$ |
| $\vdash$     | 27       | -        | $\vdash$                                         |          | -                                                | ┢            | ├                                      | ┢               | ┼            | Н        |          | 77       | ╁            | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          | $\dashv$  | +        | +-       | +       |         | -                      | $\vdash$        | 126<br>127 |          | H        |                                                  |              |              |              |          | $\dashv$     | $\vdash$        |
| $\vdash$     | 28       | $\vdash$ | $\vdash$                                         | _        | <del>                                     </del> | ┢            | <del> </del>                           | ╁┈              | -            | $\dashv$ |          | 78       | +-           | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -        | $\dashv$  | -        | ╬        | +       | +-      | $\left\{ \ \ \right\}$ |                 | 128        |          | Н        | -                                                | _            |              |              | $\dashv$ |              | -               |
|              | 29       | _        |                                                  |          | <u> </u>                                         | H            | ╁                                      | $\vdash$        | ╁            | _        |          | 79       | ╁            | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\dashv$ | +         | +        | +        | ╁       | +       | 1                      |                 | 129        |          |          |                                                  | $\vdash$     |              | -            | $\dashv$ | $\dashv$     | $\overline{}$   |
|              | 30       |          |                                                  |          |                                                  | <b>-</b>     | ├                                      | $\vdash$        | t            | Ħ        | _        | 80       | +-           | Н                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 寸        | ᆉ         | $\dashv$ | +        | ╁       | +       |                        |                 | 130        |          | Н        |                                                  | Н            |              |              |          | $\dashv$     | Н               |
|              | 31       |          |                                                  |          | H                                                | <del> </del> | Н                                      | T               | <u> </u>     | -        |          | 81       | $\dagger$    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $\dashv$ | $\dashv$  | $\dashv$ | +        |         | +-      | 1                      |                 | 131        |          | Н        |                                                  |              | -            |              | $\vdash$ | $\dashv$     | $\dashv$        |
|              | 32       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 82       | T            | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\neg$   | $\neg$    | $\neg$   | $\top$   | 1       | 1       | 1                      |                 | 132        |          | Н        |                                                  |              |              |              |          |              | $\dashv$        |
|              | 33       |          |                                                  |          |                                                  |              |                                        | Ī               |              |          |          | 83       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           | 寸        | Ť        | T       |         |                        |                 | 133        |          |          |                                                  |              |              |              |          | ヿ            | $\dashv$        |
|              | 34       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 84       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | コ        | $\neg$    | T        | T        | T       |         |                        |                 | 134        |          | П        |                                                  |              |              |              | $\dashv$ | $\neg$       | $\neg$          |
|              | 35       |          |                                                  |          |                                                  | <u>L</u>     | <u> </u>                               |                 |              | Ц        | Ĺ        | 85       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         | ]                      |                 | 135        |          |          |                                                  |              |              |              |          |              |                 |
|              | 36       |          |                                                  |          |                                                  | <u> </u>     | _                                      |                 | <u> </u>     | _        | _        | 86       | <u> </u>     | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           |          |          |         |         |                        |                 | 136        |          |          |                                                  |              |              |              |          |              |                 |
|              | 37       |          | _                                                |          | _                                                | _            | _                                      | _               |              | _        |          | 87       | _            | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           | _        | _        | ┸       |         |                        |                 | 137        |          |          |                                                  |              |              |              |          |              |                 |
|              | 38       |          |                                                  | _        | _                                                |              | <u> </u>                               | <u> </u>        | L            | _        | <u> </u> | 88       | ₋            | Щ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | _        | _         | _        | _        | _       | -       |                        |                 | 138        |          | Щ        |                                                  |              |              |              | _        | $\Box$       |                 |
|              | 39<br>40 | $\dashv$ | $\dashv$                                         |          | Н                                                | $\vdash$     | $\vdash$                               | -               | -            |          |          | 89       | $\vdash$     | $\vdash \dashv$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -        |           | +        | +        | +       | +-      |                        |                 | 139        |          | <b> </b> | _                                                |              |              | _            |          | _            | _               |
|              | 41       | $\dashv$ |                                                  |          | Н                                                | $\vdash$     |                                        | ├               | $\vdash$     | $\dashv$ | <u> </u> | 90<br>91 | ┼            | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\dashv$ | -         | +        | +        | +-      |         |                        |                 | 140        | _        | $\sqcup$ | 4                                                | 4            | _            |              | _        | _            | _               |
|              | 42       | -        | $\dashv$                                         | -        | $\vdash$                                         | -            | $\vdash$                               | ├-              | -            |          |          | 92       | ╁            | H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | $\dashv$ | -+        | +        | +        | +       | +       |                        | $\vdash$        | 141        | _        | $\vdash$ | $\dashv$                                         |              | $\dashv$     |              | -        |              |                 |
|              | 43       | $\dashv$ | $\dashv$                                         | -        | $\vdash$                                         | H            | $\vdash$                               | -               | $\vdash$     | $\dashv$ | -        | 93       | ╁╌           | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | +        | $\dashv$  | +        | +        | +       | +       |                        | $\rightarrow$   | 142<br>143 |          | $\vdash$ | $\dashv$                                         |              |              | -            | $\dashv$ | $\dashv$     | $\dashv$        |
| -            | 44       | _        | $\dashv$                                         | -        |                                                  | -            |                                        | $\vdash$        | $\vdash$     | $\dashv$ | -        | 94       | +            | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | +        | $\dashv$  | +        | +        | ╁       | +       |                        |                 | 144        | -        | $\vdash$ | -                                                |              | $\dashv$     | $\dashv$     | $\dashv$ | -            | $\dashv$        |
|              | 45       |          | $\dashv$                                         |          |                                                  |              | $\vdash$                               | _               | -            | $\dashv$ | -        | 95       | $\vdash$     | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | $\dashv$ | $\dashv$  | +        | +-       | +       | +       |                        | -               | 145        | -        | $\vdash$ | $\dashv$                                         | -            | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$        |
| _            | 46       | $\neg$   |                                                  |          | $\dashv$                                         | _            |                                        |                 |              | $\dashv$ |          | 96       | †            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -        | $\dashv$  | $\dashv$ | +        | +       |         |                        |                 | 146        | ٦        | $\dashv$ | $\dashv$                                         | -            | $\dashv$     | -            | -        | $\dashv$     | $\dashv$        |
|              | 47       |          |                                                  |          |                                                  |              |                                        |                 | П            | $\neg$   |          | 97       | Ť            | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 寸        | _         | $\top$   | $\top$   | $\top$  | $\top$  |                        |                 | 147        | $\dashv$ | $\dashv$ |                                                  |              | ᅥ            | $\dashv$     | $\dashv$ | $\dashv$     | $\dashv$        |
|              | 48       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 98       | 1            | П                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7        | $\exists$ | 十        | 1        | 十       |         |                        |                 | 148        | T        | $\neg$   | 一                                                | $\neg$       | 寸            | $\neg$       | $\dashv$ | $\dashv$     | $\dashv$        |
|              | 49       |          |                                                  |          |                                                  |              |                                        |                 |              |          |          | 99       |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          |          |         |         |                        |                 | 149        |          |          | $\neg$                                           |              |              |              | $\dashv$ | $\dashv$     | $\dashv$        |
|              | 50       | $\Box$   | $\Box$                                           |          | ]                                                |              |                                        |                 |              |          |          | 100      |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |           |          | I        | Ī       |         |                        |                 | 150        |          |          |                                                  |              |              |              |          | づ            | $\neg$          |
|              | 50       |          | _                                                | 1        |                                                  | لــــا       | ш                                      | L               | ш            |          | L        | 100      | 1            | Ш                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |           | Ц.       | Щ.       |         | Ц       | L                      |                 | 150        |          | !        |                                                  | !            |              | !            |          |              |                 |